Refine Search

Search Results -

Terms	Documents
L11 not L10	10

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L12

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Friday, April 30, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L12	L11 not l10	10	L12
L11	L5 and (sign$ with privat$)	12	L11
L10	L7 and (sign$ with privat$)	2	L10
L9	L8 and (sign$ with privat$)	0	L9
L8	L1 and (encrypt$ with public$)	3	L8
L7	L6 and license	8	L7
L6	((licens$ or certificat$) with provid$ with Internet and (address or location)) and @ad<=19990326	25	L6
L5	((licens$ or certificat$) with provid$ with Internet) and @ad<=19990326	27	L5
L4	L1 and ((licens$ or certificat$) with provid$ with Internet)	0	L4
L3	L2 and (licens$ or certificat$)	1	L3
L2	L1 and (encrypt$ or crypto$)	15	L2

L1	(data with structure) and (first adj2 field) and (multi$ with field) and (second adj2 field) and @ad<=19990326	161	L1

END OF SEARCH HISTORY

L7: Entry 6 of 8 File: USPT Sep 14, 1999

DOCUMENT-IDENTIFIER: US 5951642 A
TITLE: System for collecting detailed internet information on the basis of the condition of activities of information viewers viewing information of service providers

Application Filing Date (1):
19970806

Brief Summary Text (5):
The following is a description of the technology which has thus far been available and which have been studied by the inventors. The technology thus far available has related to networking on the Internet by means of computers. This networking is such that it connects on the Internet servers of a plurality of information providers and clients of a plurality of information viewers. This networking also includes such services by which information as well as electronic mail, mailing lists, and netnews and other such services are provided in such a way that an information provider can specify the WWW site address of a specific information provider which corresponds to an URL (Uniform Resource Locator). There are a variety of types of uses by which it is possible to use such services in the form of multi-media communications on the Internet.

Brief Summary Text (9):
That is to say, the inventors conceived an original program which is automatic. This program is for transmission of the viewed URLs. By activating this program, after knowing the WWW addresses, the genders of information viewers and the age groups of information viewers, and by following the actual pages, it is possible to conduct statistical investigating into factors such as actually how many minutes were spent reading which page. Thus it is now possible to deduce detailed information such as the pages which did not leave an impression, something that would not be possible to learn of through a questionnaire. It is also now possible to obtain detailed information which could not be obtained through the market research method of counting the number of clicks or through questionnaires.

Detailed Description Text (6):
The information provider's server 1 functions as a computer which supplies information in the form of on-Internet responses to requests from the information viewer. License for the information collection client of the viewer information can be received from the information collector; the information collector can register on his own WWW site or it can link to another information collection client WWW site installation which is capable of functioning as an information collection client. In addition to that, it is capable of processing the viewing information, which is based on the information collection client software.

Detailed Description Text (9):
In the network system constructed as explained above, the network system comprises an on-Internet information collection system made up of the information collector's server 3, which is connected to the Internet, the information collector client's, which is licensed from the information collector to the information provider; this information collector's software is the information client program which is stored

in the storage medium 4.

Detailed Description Text (11):
In this case, it is assumed that a license has been received from the information collector, for example, stored in the CD-ROM of the storage medium 4, and that the information collection client program has been written/stored in advance onto the information provider's server 1. This information collection client program is the information collector's original program. This information collection client program has the processing procedures for automatically acquiring on-Internet information stored in it.

Detailed Description Text (15):
(3). In Step 203, the information viewer accesses a desired information provider's WWW site address on the Internet. This WWW site address is commonly called the URL. It is also sometimes referred to as the web site address or the HTTP (Hyper Text Transfer Protocol). It is that by which, by using the browser software, the information viewer gains access to the web site which the information viewer wants to view.

Detailed Description Text (16):
(4). In Step 204, the information collection client program which has been installed onto the computer of the information viewer's client 2 collects the information as to which WWW site address was viewed and for how long. That is to say, the information as to addresses which have been accessed by the information viewer and the how long the viewer viewed those addresses is collected by the information collection client program by the use of the browser software.

Detailed Description Text (17):
(5). In Step 205, the information collection client program transmits the viewing information as to which WWW site address was viewed and for how long to the data base of the information collector's server 3. This information is collected when the information viewer views the WWW site.

Detailed Description Text (18):
(6). In Step 206, the data base program of the information collector's server 3 receives the transmission of the viewing information as to which WWW site address was viewed and for how long, which has been transmitted by the information collection client program, and stores this information in the data base. Here, the viewing information is moved from the computer of the information viewer's client 2 to the data base of the information collector's server 3, and stored there in the data base of the information collector's server 3.

Detailed Description Text (19):
In this data base, for example, as has been depicted as an example in FIG. 3, the corresponding name of the user, the access time and the URL (address) are stored. As an example, it is known that an information viewer, Jason, accessed http://www.fujitsu.com at 1950 hours 10 seconds on Jun. 25, 1996.

Detailed Description Text (20):
After the processing of this Step 206 is completed, the processing from Step 203 for all of the WWW site addresses of information providers which have been accessed by the information viewer are repeated for each address, and all of the viewing information which relates to the addresses accessed by the information viewer is collected. Then the processing by which this viewing information is stored in the date base of the information collector's server 3 is conducted, and at a specific interval (monthly, weekly, etc.), the following steps are implemented after all of the viewing information has been stored in the data base.

Detailed Description Text (21):
(7). In Step 207, the information collector's server 3 statistically processes the

contents of the viewing information as to the address and the length of viewing time which has been stored in the data base. That is to say, calculations of such as the grand total of the total access time and total access frequencies by the genders of the viewer, the age groups of the viewer and the geographic regions of the viewer are calculated.

WEST

□ Generate Collection Print

L16: Entry 1 of 10 File: USPT Apr 15, 2003

US-PAT-NO: 6550011
DOCUMENT-IDENTIFIER: US 6550011 B1

TITLE: Media content protection utilizing public key cryptography

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sims, III; J Robert	Fort Collins	CO		

US-CL-CURRENT: 713/193; 365/52, 380/279, 705/39, 705/54, 705/65

ABSTRACT:

A system and method for providing protection of content which may be transmitted over unsecure channels, including storage and transmission in bulk media, transmission over a network such as the Internet, transmission between components of an open system, and broadcast transmitted, to compliant storage devices and/or compliant use devices is disclosed. The technique for providing protection from unauthorized utilization of the content so stored is provided publicly in order to allow for those utilizing a conforming media device to master or generate content protected according to the present invention. According to a preferred embodiment, public key cryptography is utilized to identify compliant devices and to transmit cryptographic keys protecting content data. In the preferred embodiment content is protected using private key cryptography to optimize system performance.

32 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

WEST

□ Generate Collection Print

L16: Entry 2 of 10 File: USPT Jun 25, 2002

US-PAT-NO: 6411941
DOCUMENT-IDENTIFIER: US 6411941 B1

TITLE: Method of restricting software operation within a license limitation

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mullor; Miki	Ramat Hasharon			IL
Valiko; Julian	Ramat Hasharon			IL

US-CL-CURRENT: 705/59; 705/50, 705/51, 705/53, 705/57

ABSTRACT:

A method of restricting software operation within a license limitation that is applicable for a computer having a first non-volatile memory area, a second non-volatile memory area, and a volatile memory area. The method includes the steps of selecting a program residing in the volatile memory, setting up a verification structure in the non-volatile memories, verifying the program using the structure, and acting on the program according to the verification.

19 Claims, 2 Drawing figures
Exemplary Claim Number: 18
Number of Drawing Sheets: 2

WEST

□ Generate Collection Print

L16: Entry 3 of 10 File: USPT May 14, 2002

US-PAT-NO: 6389538
DOCUMENT-IDENTIFIER: US 6389538 B1

TITLE: System for tracking end-user electronic content usage

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gruse; George Gregory	Lighthouse Point	FL		
Dorak, Jr.; John J.	Boca Raton	FL		
Milsted; Kenneth Louis	Boynton Beach	FL		

US-CL-CURRENT: 713/194; 705/51, 705/57, 713/168, 713/171, 713/182

ABSTRACT:

A system for tracking usage of digital content on user devices. Electronic stores coupled to a network sell licenses to play digital content data to users. Content players, which receive from the network the licensed content data, are used to play the licensed content data. Additionally, a logging site that is coupled to the network tracks the playing of the content data. In particular, the logging site receives play information from the network, and the play information includes the number of times that the content data has been played by the associated content player. Also provided is a method for tracking usage of digital content on user devices. According to the method, a license to play digital content data is sold to a user, and the licensed content data is transmitted to a content player for the user. Further, information is transmitted to a logging site whenever the content data is played by the content player or copied from the content player to an external medium so that usage of the licensed content data can be tracked.

44 Claims, 21 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 21

WEST

□ Generate Collection | Print

L16: Entry 4 of 10 File: USPT May 7, 2002

US-PAT-NO: 6385596
DOCUMENT-IDENTIFIER: US 6385596 B1

TITLE: Secure online music distribution system

DATE-ISSUED: May 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wiser; Philip R.	Redwood City	CA		
Cherenson; Andrew R.	Los Altos	CA		
Ansell; Steven T.	Fremont	CA		
Cannon; Susan A.	San Jose	CA		

US-CL-CURRENT: 705/51; 369/84, 380/201, 705/1, 705/57

ABSTRACT:

A computer implemented online music distribution system provides for the secure delivery of audio data and related media, including text and images, over a public communications network. The online music distribution system provides security through multiple layers of encryption, and the cryptographic binding of purchased audio data to each specific purchaser. The online music distribution system also provides for previewing of audio data prior to purchase. In one embodiment, the online music distribution system is a client-server system including a content manager, a delivery server, and an HTTP server, communicating with a client system including a Web browser and a media player. The content manager provides for management of media and audio content, and processing of purchase requests. The delivery server provides delivery of the purchased media data. The Web browser and HTTP server provide a communications interface over the public network between the content manager and media players. The media player provides for encryption of user personal information, and for decryption and playback of purchased media data. Security of purchased media data is enhanced in part by the use of a personal, digital passport in each media player. The digital passport contains identifying information that identifies the purchaser, along with confidential information, such as credit card number, and encryption data, such as the media player's public and private keys. The media player encryption data is used to encrypt purchased media data, which is decrypted in real time by the media player. The media player also displays confidential information, such as the purchaser's credit card number, during playback.

25 Claims, 29 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 21

WEST

□ Generate Collection Print

L16: Entry 5 of 10 File: USPT Jan 29, 2002

US-PAT-NO: 6343280
DOCUMENT-IDENTIFIER: US 6343280 B1

TITLE: Distributed execution software license server

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark; Jonathan	Austin	TX	78749	

US-CL-CURRENT: 705/55; 705/51

ABSTRACT:

A method of protecting an executable image from unlicensed use is provided by remote execution of sequences of microprocessor instructions. Means of selecting sequences of instructions that execute infrequently and provide a high level of security against reverse engineering is provided. Selection means includes run-time profiling of an executable running under normal conditions. The selected sequences of instructions are replaced with instructions that interrupt the normal flow of execution and transfer control to a license server. A client computer executes the modified executable until the replaced sequences interrupt the normal flow of execution and transfer control to a license server. The license server executes the instructions which were replaced in the modified executable upon proper authorization by emulating the client microprocessor.

16 Claims, 18 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 18

WEST

□ Generate Collection Print

L16: Entry 6 of 10 File: USPT Apr 3, 2001

US-PAT-NO: 6212634
DOCUMENT-IDENTIFIER: US 6212634 B1

TITLE: Certifying authorization in computer networks

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Geer, Jr.; Daniel E.	Cambridge	MA		
Tumblin; Henry R.	Malden	MA		

US-CL-CURRENT: 713/156; 380/280, 705/76, 713/167, 713/201

ABSTRACT:

A system for certifying authorizations includes an authorizing computer and an authorized computer interconnected by a computer network. The authorizing computer creates a public key pair comprising a new public key and a new private key, and creates an authorization certificate that certifies that a holder of the authorization certificate is authorized to perform an action referred to in the authorization certificate. The authorization certificate includes the new public key. The authorizing computer causes the authorization certificate and the new private key to be transmitted to the authorized computer. The authorized computer receives the authorization certificate and the new private key and decrypts messages using the new private key as evidence that the authorized computer has obtained the authorization certificate legitimately.

4 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

WEST

□ Generate Collection Print

L16: Entry 7 of 10 File: USPT Feb 8, 2000

US-PAT-NO: 6023510
DOCUMENT-IDENTIFIER: US 6023510 A

TITLE: Method of secure anonymous query by electronic messages transported via a public network and method of response

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Epstein; Michael A.	Spring Valley	NY		

US-CL-CURRENT: 705/74; 380/285, 709/229, 713/181

ABSTRACT:

A method for secure anonymous querying by a user of an information provider by electronic mail and for obtaining a reply uses a public key of the provider to form an electronic encrypted query package containing information including a query, a generated random number sequence, a hash of the query, a generated public key of the user, and an identification of a public bulletin board. The query package is preferably sent to the provider via a network from a public terminal. At the information provider the query package is received and decrypted. If the result of hashing the decrypted query is equal to the decrypted hash, a response R is formulated. A response package is formed therefrom by using a generated symmetric key of the information provider and the public key of the user. The response package is posted to the public bulletin board along with the random number sequence. The public bulletin board is accessed by the user in an anonymous manner and the response package, which is identified by the random number sequence, is downloaded and decrypted to obtain response R.

16 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

WEST

□ Generate Collection | Print

L16: Entry 8 of 10 File: USPT Dec 28, 1999

US-PAT-NO: 6009177
DOCUMENT-IDENTIFIER: US 6009177 A

TITLE: Enhanced cryptographic system and method with key escrow feature

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sudia; Frank Wells	New York	NY		

US-CL-CURRENT: 713/191; 380/30, 705/54, 713/170, 713/175

ABSTRACT:

The invention provides a cryptographic system and method with a key escrow feature that uses a method for verifiably splitting users' private encryption keys into components and for sending those components to trusted agents chosen by the particular users, and provides a system that uses modern public key certificate management, enforced by a chip device that also self-certifies. The methods for key escrow and receiving an escrow certificate are also applied herein to a more generalized case of registering a trusted device with a trusted third party and receiving authorization from that party enabling the device to communicate with other trusted devices. Further preferred embodiments provide for rekeying and upgrading of device firmware using a certificate system, and encryption of stream-oriented data.

18 Claims, 36 Drawing figures
Exemplary Claim Number: 12
Number of Drawing Sheets: 25

WEST

□ Generate Collection Print

L16: Entry 9 of 10 File: USPT Nov 30, 1999

US-PAT-NO: 5995625
DOCUMENT-IDENTIFIER: US 5995625 A

TITLE: Electronic cryptographic packing

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sudia; Frank W.	Newton Centre	MA		
Asay; Alan	Salt Lake City	UT		
Brickell; Ernest F.	Albuquerque	NM		
Ankney; Richard	Chantilly	VA		
Freund; Peter C.	New York	NY		
Yung; Marcel M.	New York	NY		
Kravitz; David W.	Albuquerque	NM		

US-CL-CURRENT: 705/51; 713/156, 713/179, 713/181

ABSTRACT:

A method of unwrapping wrapped digital data that is unusable while wrapped, includes obtaining an acceptance phrase from a user; deriving a cryptographic key from the acceptance phrase; and unwrapping the package of digital data using the derived cryptographic key. The acceptance phrase is a phrase entered by a user in response to information provided to the user. The information and the acceptance phrase can be in any appropriate language. The digital data includes, alone or in combination, any of: software, a cryptographic key, an identifying certificate, an authorizing certificate, a data element or field of an identifying or authorizing certificate, a data file representing an images, data representing text, numbers, audio, and video.

42 Claims, 19 Drawing figures
Exemplary Claim Number: 41
Number of Drawing Sheets: 20

WEST

End of Result Set

□ Generate Collection Print

L16: Entry 10 of 10 File: USPT Aug 4, 1998

US-PAT-NO: 5790664
DOCUMENT-IDENTIFIER: US 5790664 A

TITLE: Automated system for management of licensed software

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coley; Christopher D.	Morgan Hill	CA		
Wesinger, Jr.; Ralph E.	Livermore	CA		

US-CL-CURRENT: 709/203

ABSTRACT:

Methods and apparatuses are disclosed for providing a system for automatically tracking use of a software and also for determining whether the software is validly licensed and enabling or disabling the software accordingly. Exemplary systems involve attaching a licensing system module to a software application. Records of valid licenses are stored in the database maintained by the software provider. The licensing system module transparently forms a license record inquiry message. The message is transparently sent to the database over a public network, such as the Internet, to determine whether a valid license record exists in the database for the software application. The database forms and returns an appropriate response message that is interpreted by the licensing system module. The software application can then be appropriately enabled or disabled by the licensing system module. The receipt of the license record inquiry can be recorded in the database to monitor software use.

25 Claims, 7 Drawing figures
Exemplary Claim Number: 7
Number of Drawing Sheets: 7